

In the Specification:

A “marked up” version of the amended specification follows in paragraph [0011] in the “summary” section of the specification.

“The above discussed and other drawbacks and deficiencies of the prior art are overcome or alleviated by a multiple channel array coil for magnetic resonance imaging. In an exemplary embodiment, the array coil includes a cylindrically tapered head portion having a plurality of individual coil elements. A chest portion further includes a generally planar anterior section and a generally planar posterior section, with both the anterior section and ~~said~~ the posterior section includesing a plurality of individual coil elements.”

A “marked up” version of the amended specification follows in paragraph [0013] in the “summary” section of the specification.

“In still another aspect, a magnetic resonance imaging (MRI) system, includes a computer, a magnet assembly for generating a polarizing magnetic field, and a gradient coil assembly for applying gradient waveforms to the polarizing magnetic field along selected gradient axes. In addition, a radio frequency (RF) transceiver system is used for applying RF energy to excite nuclear spins of an object to be imaged, and for thereafter detecting signals generated by excited nuclei of the object to be imaged. The RF transceiver system further includes a multiple channel array coil having a cylindrically tapered head portion and a chest portion. The head portion includes a plurality of individual coil elements, and the chest portion has a generally planar anterior section and a generally planar posterior section. Both the anterior section and the posterior section include a plurality of individual coil elements. The signals detected by the multiple channel array coil are processed by the computer to produce MR images of the object to be imaged.”

In The Claims:

A “marked up” version of the amended claims follows:

“19. The method of claim 183 further comprising isolating each individual coil element in said first, second and third sets from nearest neighbor coil elements by transformer decoupling.”